L Number	Hits	Search Text	DB	Time stamp
-	1	("4768955").PN.	USPAT	2003/11/03 08:50
-	10	("3028672" "3221409" "3638314" "3751807" "3792530" "3990152" "4092778" "4306863" "4340367"	USPAT	2003/11/03 08:48
_	4	"3751807" "3792530" "3990152" "4092778" "4306863" "4340367"	USPAT; US-PGPUB; EPO; JPO;	2003/11/03 09:01
-	2	"4377380").PN.) and vibrat\$4 ("2129212" "2837824").PN.	DERWENT USPAT	2003/11/03
-	8	3792530.URPN.	USPAT	2003/11/03 08:54
_	11	("0532720" "3028672" "3221409" "3638314" "3751807" "3792530" "3990152" "4092778" "4306863" "4340367" "4377380").PN.	USPAT	2003/11/03 08:56
-	1	4726769.URPN.	USPAT	2003/11/03 08:57
-	3	("3280459" "3638314" "3623224").PN.	USPAT	2003/11/03
_	444	(433/89-90).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 09:01
-	20	((433/89-90).CCLS.) and vibrat\$4	USPAT; US-PGPUB; EPO; JPO;	2003/11/03 09:02
_	3	(((433/89-90).CCLS.) and vibrat\$4) and resin	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 09:07
-	17	(((433/89-90).CCLS.) and vibrat\$4) not ((((433/89-90).CCLS.) and vibrat\$4) and resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 10:20
_	2	((((433/89-90).CCLS.) and vibrat\$4) not ((((433/89-90).CCLS.) and vibrat\$4) and resin)) and sound	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 09:10
_	1	((((433/89-90).CCLS.) and vibrat\$4) not ((((433/89-90).CCLS.) and vibrat\$4) and resin)) and ultrasound	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 09:10
-	6	4768955.URPN.	USPAT	2003/11/03 09:11
_	853	((433/226) or (433/228.1)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 10:21
-	76	(((433/226) or (433/228.1)).CCLS.) and (vibrat\$4 or sound or ultrasound or (ultra adj sound))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 10:22
-	48	((((433/226) or (433/228.1)).CCLS.) and (vibrat\$4 or sound or ultrasound or (ultra adj sound))) and resin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 10:23
-	15	("3898739" "4114271" "4219619" "4283174" "4283175" "4345899" "4850875" "4943236" "5098298" "5244933" "5277739" "5302129"	USPAT	2003/11/03 10:25
_	2	"5310341" "5350298" "5554030").PN. ("3898739" "4634383").PN.	USPAT	2003/11/03
-	3	4850875.URPN.	USPAT	10:42 2003/11/03 10:43
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Search History 11/5/03 11:57:10 AM

_	8	("4064629" "4608021" "4631030"	USPAT	2003/11/03
		"4666405" "4666406" "4673353" "4696646" "4726770").PN.		10:51
_	26	5007837.URPN.	USPAT	2003/11/03
				10:52
-	10	(US-3898739-\$ or US-4219619-\$ or	USPAT	2003/11/05
		US-4634383-\$ or US-4768955-\$ or US-3751807-\$ or US-3792530-\$ or		08:46
		US-4726769-\$ or US-5007837-\$ or		
		US-4850875-\$ or US-6224379-\$).did.		
-	2	(US-3280459-\$ or US-3623224-\$).did.	USOCR	2003/11/05
_	0	((US-3898739-\$ or US-4219619-\$ or	USPAT;	08:46 2003/11/05
-	0	US-4634383-\$ or US-4768955-\$ or	US-PGPUB;	08:46
		US-3751807-\$ or US-3792530-\$ or	EPO; JPO;	
		US-4726769-\$ or US-5007837-\$ or	DERWENT	
		US-4850875-\$ or US-6224379-\$).did.) and (while near dispensing)		
_	0	(while hear dispensing)	USPAT;	2003/11/05
	Ĭ		US-PGPUB;	09:00
			EPO; JPO;	
		//TO 22004ED 6 TO 2002004 AV 343 V	DERWENT	2002/11/05
_	0	((US-3280459-\$ or US-3623224-\$).did.) and piezo\$9	USOCR	2003/11/05
_	1	piezoss ((US-3898739-\$ or US-4219619-\$ or	USPAT;	2003/11/05
]	US-4634383-\$ or US-4768955-\$ or	US-PGPUB;	09:02
		US-3751807-\$ or US-3792530-\$ or	EPO; JPO;	
		US-4726769-\$ or US-5007837-\$ or US-4850875-\$ or US-6224379-\$).did.) and	DERWENT	
		piezo\$9		
_	О .	((US-3898739-\$ or US-4219619-\$ or	USPAT;	2003/11/05
		US-4634383-\$ or US-4768955-\$ or	US-PGPUB;	09:03
1		US-3751807-\$ or US-3792530-\$ or	EPO; JPO; DERWENT	
		US-4726769-\$ or US-5007837-\$ or US-4850875-\$ or US-6224379-\$).did.) and	DERWENT	
		magnet\$8		
-	0	((US-3280459-\$ or US-3623224-\$).did.) and	USOCR	2003/11/05
		magnet\$8	WGDDM.	09:03
_		((ÚS-3898739-\$ or US-4219619-\$ or US-4634383-\$ or US-4768955-\$ or	USPAT; US-PGPUB;	2003/11/05 09:05
		US-3751807-\$ or US-3792530-\$ or	EPO; JPO;	05.00
		US-4726769-\$ or US-5007837-\$ or	DERWENT	
		US-4850875-\$ or US-6224379-\$).did.) and		
1_	0	pneumat\$7 ((US-3280459-\$ or US-3623224-\$).did.) and	USOCR	2003/11/05
		pneumat\$7		09:05
-	647	(433/118-124).CCLS.	USPAT;	2003/11/05
			US-PGPUB;	09:11
			EPO; JPO; DERWENT	
_	21	((433/118-124).CCLS.) and (filling near	USPAT;	2003/11/05
		(material\$1 or compound\$1))	US-PGPUB;	09:19
			EPO; JPO;	
_	55	((433/118-124).CCLS.) and	DERWENT USPAT;	2003/11/05
-	33	((433/118-124).CCLS.) and (magnetostrictive)	US-PGPUB;	09:20
		, , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			DERWENT	2002/11/05
-	19	((433/118-124).CCLS.) and (magnetostrictive near ultrasonic)	USPAT; US-PGPUB;	2003/11/05 09:26
		(magnetoscrictive near dittasonic)	EPO; JPO;	05.20
			DERWENT	
-	15	((433/118-124).CCLS.) and	USPAT;	2003/11/05
		(magnetostrictive near (pneumatic\$4 or	US-PGPUB;	09:26
		piezoelectric))	EPO; JPO; DERWENT	
L	L			<u> </u>

-	15	(US-3898739-\$ or US-4219619-\$ or	USPAT	2003/11/05
		US-4634383-\$ or US-4768955-\$ or		09:44
		US-3751807-\$ or US-3792530-\$ or		
		US-4726769-\$ or US-5007837-\$ or		
1		US-4850875-\$ or US-6224379-\$ or		
		US-5839895-\$ or US-5151030-\$ or		
		US-3890713-\$ or US-4505676-\$ or		
		US-3809977-\$).did.		
_	2	(US-3280459-\$ or US-3623224-\$).did.	USOCR	2003/11/05
-	3	((US-3898739-\$ or US-4219619-\$ or	USPAT;	2003/11/05
		US-4634383-\$ or US-4768955-\$ or	US-PGPUB;	09:44
		US-3751807-\$ or US-3792530-\$ or	EPO; JPO;	
		US-4726769-\$ or US-5007837-\$ or	DERWENT	
		US-4850875-\$ or US-6224379-\$ or		
		US-5839895-\$ or US-5151030-\$ or		
		US-3890713-\$ or US-4505676-\$ or		
		US-3809977-\$).did.) and spray		
_	3	((US-3898739-\$ or US-4219619-\$ or	USPAT;	2003/11/05
	_	US-4634383-\$ or US-4768955-\$ or	US-PGPUB;	09:44
		US-3751807-\$ or US-3792530-\$ or	EPO; JPO;	
		US-4726769-\$ or US-5007837-\$ or	DERWENT	
		US-4850875-\$ or US-6224379-\$ or		
		US-5839895-\$ or US-5151030-\$ or		
		US-3890713-\$ or US-4505676-\$ or		
		US-3809977-\$).did.) and spray\$3		